This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
 - ILLEGIBLE TEXT
 - SKEWED/SLANTED IMAGES
 - COLORED PHOTOS
 - BLACK OR VERY BLACK AND WHITE DARK PHOTOS
 - GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.





IN THE UNITED STATES PATENT

AND TRADEMARK OFFICE

APPLICANT:

Cheng Youn Lu

APPLICATION NO.:

10/764,380

FILING DATE:

January 22, 2004

TITLE:

Statistic Parameterized Control Loop for Compensating Power and

Extinction Ration of a Laser Diode

EXAMINER:

not yet known

GROUP ART UNIT:

2828

ATTY. DKT. NO.:

21676-07366

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Office of Initial Patent Examination, Customer Service Center, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Eileen A. Lehmann, Reg. No.: 39,272

COMMISSIONER FOR PATENTS OFFICE OF INITIAL PATENT EXAMINATION CUSTOMER SERVICE CENTER P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450**

REQUEST FOR CORRECTED FILING RECEIPT

SIR:

Enclosed is a copy of the Official Filing Receipt. It contains the following error:

1. The filing fee received is erroneously stated as \$428. The correct filing fee received is \$468, as evidenced by the Fee Transmittal and checks, copies of which are enclosed.

\$428 was for the basic filing fee and claims fees while \$40 was for the recordation of the assignment.

Please issue a corrected Filing Receipt rectifying this error.

Respectfully submitted, CHENG YOUN LU

Dated: 5/20/04

By: Cileen a. Jehman

Eileen A. Lehmann, Reg. No.: 39,272

Fenwick & West LLP Silicon Valley Center 801 California Street

Mountain View, CA 94041

Tel.: (650) 335-7246 Fax.: (650) 938-5200

. 21676/07366/DOCS/1436993.1

FEE TRANSM Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1978 I

TOTAL AMOUNT OF PAYMENT

(\$) 468.00

	not yet known			
Application Number				
Filing Date	January 22, 2004			
First Named Inventor	Cheng Youn Lu			
Examiner Name	not yet known			
Art Unit	not yet known			
Attorney Docket No.	21676-07366			



METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
□ Check □ Credit Card □ Money Order □ Other □ None □ Deposit Account:	3. AD	3. ADDITIONAL FEES						
Deposit Account Number 19-2555	Large Entity Small Entity Fee Description				Fee Description			
Deposit Account Name Fenwick & West LLP	Fee Code	Fee	Fee	Fee	Fee Paid			
The Commissioner is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1051 1052	(\$) 130 50.	2051 2052	(\$) 65 25	Surcharge - late filing fee or oath Surcharge - late provisional filing fee or cover sheet			
Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application	1053 1812	130 2,520	1053 1812	130 2,520	Non-English specification			
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	For filing a request for ex parte reexamination	ı		
to the above-identified deposit account.	1805	1,840*	1805		Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action			
FEE CALCULATION	1254	440.						
1. BASIC FILING FEE	1251 1252	110	2251	55	Extension for reply within first month			
Large Entity Small Entity	1252	420 950	2252 2253	210 475	Extension for reply within second month	ı		
Fee Fee Fee Fee Fee Paid	1254	1,480	2254	740	Extension for reply within third month Extension for reply within fourth month			
Code (\$)	1255	2,010	2255	1,005	Extension for reply within fifth month	1		
1001 770 2001 385 Utility filing fee 385	1401	. 330	2401	165	Notice of Appeal	ı		
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	- 1		
4004	1403	290	2403	145	Request for oral hearing	ı		
1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	_ [
SUBTOTAL (1) (\$) 385	1452	110	2452	55	Petition to revive - unavoidable	ł		
	1453	1,330	2453	665	Petition to revive - unintentional	ı		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	ı		
below Fee Paid	1502	. 480	2502	240	Design issue fee	٠ ا		
Total Claims	1503	640	2503	320	Plant issue fee			
Ctains 4 -3** = 1 X 43 = 43 Multiple Dependent	1460	130	1460	130	Petitions to the Commissioner	١		
	1807	50	1807	50	Processing fee under 37 CFR 1.17(g)			
Lege Entity Small Entity Fee	1806	180	1806	180	Submission of Information Disclosure Stmt			
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties) 40			
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385.	Filing a submission after final rejection (37 CFR 1.129(a))			
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))			
Multiple dependent claim, if not paid	1801	770	2801	385	Request for Continued Examination (RCE)			
original patent	1802	900	1802	900	Request for expedited examination of a design application			
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent	Other fee (specify)							
SUBTOTAL (2) (\$) 43				•				
or number previously paid, if greater, For Reissues, see above	•Reduce	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40						
SUBMITTED BY		-, - 500			O	4		
Name (Print/Type) Eileen A. Lehmann Registration No. (Attorney/Agent) 39,272 Complete (if applicable) Telephone (650) 335-7246						\dashv		
Signature Elen a. Lehmann Date 01/22/04								

FENWICK & WEST LLP

801 California Street

Mountain View, CA 94041

CHECK NO.

3746541

VENDOR:

DIRECTOR OF U.S.PATENT AND TRADEMARK OFFICENDOR NO.: 1025452

CHECK DATE:

01-22-2004

INVOICE NO.	INVOICE DATE	DESCRIPTION	ACCOUNT NO.	FILE NO.	AMOUNT
6980	01-22-2004	21676.07366	019900233000000	0000	428.00
					. •
		*			• 11
[·					
	!	-8-	,		
	,				
		,			

TOTAL AMOUNT

428.00

FENWICK & WEST LLP

01-22-2004

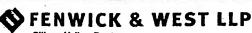
3746541

Silicon valley. Center 19
801: Galifornia: Street 19
Mountain: View. CA 94041
Tel.No.: 650-988-8500
Fax.No.: 650-938-5200

PAY

FOUR HUNDRED TWENTY-EIGHT AND 00/100/DOLLARS.

THIS DOCUMENT HAS A COLORED BACKGROUND AND A SIMULATED WATERMARK ON THE BACK



Silicon Valley Center 801 California Street Mountain View, CA 94041 Tel No.: 650-988-8500 Fax No.: 650-938-5200

Commercial Disbur 70-2328/0719

DATE

01-22-2004

CHECK NO.

3746547

PAY FORTY AND 00/100 DOLLARS

ÁMOUNT: \$

40.00

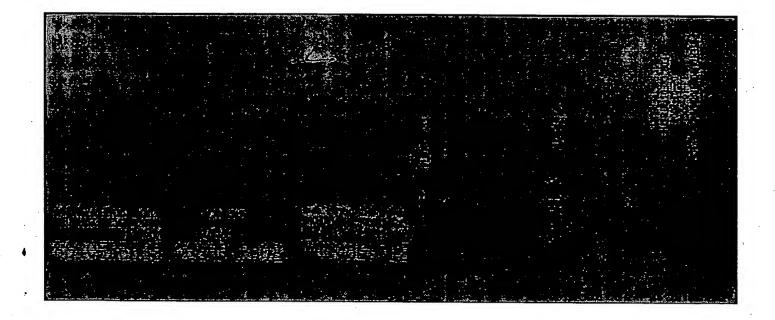
TO THE

ORDER OF

DIRECTOR OF U.S. PATENT AND TRADEMARK OFFICE

37465474 4:0719232844 876514503794

~0000000i



CDVoIID/CIMSKey 20040229038701

<u>Account</u> 8765150379 Serial Number 3746547

Amount \$40.00

Bank ID

<u>Sequence</u> 8620526688

Location CD

Paid Date 02/06/2004



United States Patent and Trademark Of

TATES DEPARTMENT OF COMMERCE States Patent and Trademark Office COMMISSIONER FOR PATENTS

P.O. Dox 1450 Alexandria, Virgiriia 22313-1450 www.mpto.gov

APPL NO.

FILING OR 371 (c) DATE

ART UNIT

FIL FEE REC'D

ATTY.DOCKET NO

DRAWINGS

TOT CLMS IND CLMS

10/764,380

01/22/2004 2828 428

21676-07366

9

00758 **FENWICK & WEST LLP** SILICON VALLEY CENTE 801 CALIFORNIA STREE

MOUNTAIN VIEW, CA 940

6 2004

NICK & WEST LLP

RECEIVED

CONFIRMATION NO. 1505

17

FILING RECEIPT

OC000000012499950*

Date Mailed: 05/03/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Cheng Youn Lu, Fremont, CA;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/442,302 01/23/2003

Foreign Applications

If Required, Foreign Filing License Granted: 04/30/2004

Projected Publication Date: 08/12/2004

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Statistic parameterized control loop for compensating power and extinction ratio of a laser diode

Preliminary Class

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).